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COTTON LITERATURE

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COTTON LITERATURE is compiled mainly from material received in the Library of the U.S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTION

General

- Arizona agricultural experiment station. Progressive agriculture. Forty-seventh annual report for the year ending June 30,1936. 94pp., illus., tables, charts. Tucson, [1937] 100 Ar4

 Partial contents: Cotton fiber length and maturity as affected by soil environment, pp.29-30; Cotton quality--Grade and staple statistics study, pp.30-31; Pima cotton quality, pp.31-32; Spacing experiments with Stoneville, p.32; Border effect with Pima and Acala cotton, p.33; Cotton breeding, pp.69-71; Angular leaf-spot of cotton, pp.72-73; Texas (cotton) root rot, pp.73-77.
- Costenoble, H.V. Algodon, un estudio sobre siembra, cultivo, plagas y control de ellas. Pevista de Agricultura 9(9):302-313, illus. September 1937. (Published at San José, Costa Rica) 8 Esl Cotton, a study of planting, cultivation, diseases and their control.

Botany

- Harland, S.C. Homologous loci in wild and cultivated American cottons. Nature 140(3541):467-468. Sept.11,1937. (Published by MacMillan & Co., Ltd., St. Martin's St., London, W.C.2, England) 472 N21
 - "It is now established on genetical as well as cytological grounds that the New World cultivated cottons are amphidiploid in origin and that thirteen-chromosome species from both Asia and North America have played a part in their formation."
- Heath, O.V.S. The effect of age on net assimilation and relative growth rates in the cotton plant.

 Ann. Bot. 1(3):565-566. July 1937. (Published by Humphrey Milford, Oxford University Press,

 Amen House, Warwick Square, London, E.C.4, England)
 450 An7

Heath, O.V.S. The growth in height and weight of the cotton plant under field conditions. Ann. Bot. 1(3):515-520, charts. July 1937. (Published by Humphrey Milford, Oxford University Press, Amen House, Warwick Square, London, E.C.4, England) 450.An7

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Hutchinson, J.B. & Ghose, R.L.M. On the occurrence of "crinkled dwarf" in Gossypium hirsutum L. Jour. Genetics 34(3):437-446, illus. June 1937. (Published by Cambridge University Press, Fetter Lane, E.C.4, London, England) 442.8 J823

References, pp.445-446.

"The published accounts of the behavior and genetics of Crinkled Dwarf in G. barbadense are summarized. The origin and genetic behavior of a Crinkled in G. hirsutum are reported. It is shown that it arose as a mutant at the same locus as Crinkled Dwarf in G. barbadense, and behaves as a complete recessive in crosses with normal strains of Upland."

Agronomy

Barducci, Teodoro Boza. Viaje a Chiclayo y Piura. Ministerio de Fomento. Dirección de Agricultura, Ganaderia y Colonización, Boletín 6(20-21):51-68, illus. January-June 1936. (Published at Lima, Peru) 9.8 P43B

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"A description of a technical visit made by the author to Chiclayo and Piura, special reference being given to cotton cultivation, varieties and experimental work on same."—Internatl. Inst. Agr. Bibliog. Trop. Agr., 1936, p.192. 1937.

Barroso, Liberato Joachim. Cultura dos algodoeiros herbaceos. 17pp., tables. Aio de Janeiro, Ministerio da Agricultura, Departamento nacional da producção vegetal, Serviço de plantas texteis, 1936.

Cultivation of the herbaceous cotton plants.

Bernales, Luis Montero. El algodón en Egipto. Vida Agricola 13(147):131-138, chart. February 1936. (Published at Nunes 26A, Casilla 1159, Lima, Peru) 9.8 V66

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Cotton in Egypt.

"A very detailed article on cotton cultivation in Egypt."-Bibliog. Trop. Agr., 1936, p.193. 1937.

- Bledsoe, R.P. Minor elements in cotton fertilizers.
 Better Crops with Plant Food 21(9):15-16,42. August-September 1937. (Published at Investment Bldg., Washington, D.C.) 6 B46
- Collins, Emerson R., and Rigler, Neil E. Effect of fertilizers on some nitrogenous and other constituents of the cotton plant as separated by electrodialysis at different stages of growth. Soil Sci. 44(3):217-227, charts. September 1937. (Published by the Williams and Wilkins Co., Mt. Royal and Guilford Aves., Baltimore, Md.) 56.8 So3

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- Conner, A.B. Les effets du traitement des graines de coton à l'aide de préparations chimiques en poudre. Agriculture et Elevage au Congo Belge 11(9):139. September 1937. (Published at 34, rue de Stassart, Brussels, Belgium) 26 Ag84

 The effects of treatment of cottonseed with chemical dusting preparations.
- Cultura do algodao. O Campo 7(82):25, tables, charts. October 1936. (Published at Rio de Janeiro, Brazil) 9.2 C15

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"Results are given of experiments on the influence of sowing period on the yields of cotton in Sao Paulo."-Bibliog. Trop. Agr., 1936, p.212. 1937.

- Dass, C.M. Fiji hybrid cotton-No.172. Agr. Jour. 8(3):18-19. July 1937. (Published by the Department of Agriculture, Fiji) 25 F47Ag
- La densidad del sembrío en el cultivo del algodonero. Vida Agrícola 14(164):573-578. July 1937. (Published at Nunes 26A, Casilla 1159, Lima, Peru) 9.8 V66

The density of sowing in cotton cultivation.

- Hale, G.A. Fertilize to control cotton-belt erosion.

 Better Crops with Plant Food 21(9):21-22,46-47,

 Illus. August-September 1937. (Published at
 Investment Bldg., Washington, D.C.) 6 B46
- Hodgson, Harry. Need for ample plant food under Georgia crops. Amer. Fertilizer 87(6):5-6,26. Sept.18,1937. (Published by Ware Bros. Co., 1330)

The Comment

- Vine St., Philadelphia, Pa.) 57.8 Am3 An address on "Fertilizer Day", Farm and Home Week, College of Agriculture, Athens, Ga. Use of fertilizers to improve the cotton crop in Georgia so that the annual yield will be as good as that of North Carolina is urged.
 - Humphrey, L.M. Cotton variety tests of 1934 and 1935. Ark. Agr. Expt. Sta. Bull. 344, 32pp., tables. Fayetteville. 1937. 100 Ar42 Literature, p.32.
 - Hurst, F.J. Atkinson demonstrates that it can be done. Better Crops with Plant Food 21(9):7-9, 45-46, illus. August-September 1937. (Published at Investment Bldg., Weshington, D.C.) 6 B46 Pesults of fertilizer tests on cotton on the farm of V.S. Atkinson of Valley, Yazoo County, Miss., are given.
 - India. Central Provinces and Berar. Department of agriculture. Annual reports on experimental farms Nagpur, Akola, Adbertal, Chhindwara, Powarkhera, and Raipur for the year ending the 31st March 1936. 104pp., tables, chart. Nagpur, 1937. 107.5 N13E

Cotton, pp.4-5,22. Problems of cultivation are described.

- Joachim, A. V.R. Manurial trials with cotton in Ceylon--I. Trop. Agr. (Ceylon) 89(1):8-13, table. July 1937. (Published by the Department of Agriculture, Peradeniya, Ceylon) 26 T751 References, p.13.
- Joachim, A.W.R., and Paul, W.R.C. Manurial trials with cotton in Ceylon--II. Trop. Agr. [Ceylon] 89(1):14-19, tables. July 1937. (Published by the Department of Agriculture, Peradeniya, Ceylon) 26 T75I
- Joachim, A.W.R., and Pieris, H.A. Manurial trials with cotton in Ceylon--III. Trop. Agr. [Ceylon] 89(1):20-24, tables. July 1937. (Published by the Department of Agriculture, Peradeniya, Ceylon) : 26 T751
- Long cotton row plowed with maypole. Cotton Digest 9(49):10. Sept.11,1937. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822 "George Hider, cotton farmer in Lake Providence, La., region, is said to have a cotton row

- 80 miles long. It starts at a twelve foot iron pipe in the center of a 40 acre tract, and spirals out."
- Also noted in Textile Bull. 53(2):17. Sept.9, 1937.
- McDowell, C.H. Irrigation requirements of cotton and grain sorghum in the Wichita Valley of Texas. Tex. Agr. Expt. Sta. Bull. 543, 32pp., illus., tables, charts. College Station. 1937. 100 T31S Literature cited, p.32.
- Studies on lint percentage in Masubuchi, Jisuke. Upland cotton. Crop Sci. Soc., Japan, Proc. 9(2):169-175. July 1937. (Published by the Crop Science Society of Japan, Tokyo Imperial University, Tokyo, Japan) J 22.5 C88 In Japanese.
- Morocco. Centre de recherches agronomiques. Service de l'agriculture et de la colonisation. Rapport annuel d'expérimentation, 1934-1935. 92pp., tables. Morocco, [1937] 24 M82E Annual report of experimentation, 1934-1935. Partial contents: Irrigation of cotton, p.59; Cotton irrigation and fertilizers, pp.85-87.
- Mumford, F.B., and Shirky, S.E. Science points the way. Work of the Agricultural experiment station during the year ending June 30,1936. Mo. Agr. Expt. Sta. Bull. 387, 121pp., illus,, tables. Columbia. 1937. 100 M693 Cotton varieties for Southeast Missouri, p.67.
- Nelson, Martin. Fertilizer experiments with cotton in type-of-farming areas. Ark. Agr. Expt. Sta. Bull. 346, 31pp., tables, chart. Fayetteville. 1937. 100 Ar42
- Ratooning of cotton. A practice that is responsible for the multiplication and prolongation of bollworm and stainer posts. Farmer's Weekly 51(1414): 1448, illus. July 22,1936. (Published at 42 East Burger St., Bloemfontein, South Africa) 24 F225
- Salcedo, Pascual Saco. Algodon. Una observación para la selección del algodón. Agronomia 2(2): 13-15. July 1937. (Published at La Molina, Lima, Peru) 9.8 Ag83 Cotton. An observation on the selection of

cotton.

- Soil science society of America. Proceedings 1936.

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 Mich., Edwards Bros. Inc., 1937. 56.9 So3

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 Thom and Marie B. Morrow, p.223; Evidences of the
 significance of oxidation-reduction equilibrium
 in soil fertility problems, by L.G. Willis,
 pp.291-297.-Cotton is studied.
- Soria, H.P. El cultivo del algodón en la Prov. de Cordoba. Gaceta Algodonera 13(162):3,5-8, illus. July 31,1937. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina) 72.8 Gll

The cultivation of cotton in the province of Cordoba.

- Stokes, W.E. The work of the Agronomy department of the State experiment station. Citrus Industry 18(9):5,20-21. September 1937. (Published at Wallace S. Bldg., Tampa, Fla.) 80 C49
 Cotton variety tests. (Brief section)
- Tavares, Heitor. Processos e methodos para a diffusao das sementes puras do algodao. Revista Algodoeira 3(21):5-6. June 1937. (Published at Recife, Brazil) 72.8 R32

Processes and methods for distributing pure cottonseed.

- thompson, H.E.; Cotton damaged by rains. "Cotton should be sun-dried before ginned," says extension authority. Mid-So. Cotton News 15(3):8. September 1937. (Published at 822 Falls Bldg., Memphis, Tenn.) 72.8 C8295
 - 20 mil kilos de semilla de algodon seran distribuidos gratuitamente a los agricultores de la provincia. En el correspondiente decreto el poder ejecutivo dice que es necesario estimular la diversificación de los cultivos. Rosario, Bolsa de Comercio, Boletin Oficial 26(615):28. Aug. 31,1937. (Published at Rosario, Argentina) 287 R71

20 thousand kilograms of cottonseed will be distributed free to the farmers of the province. In the accompaning decree the executive power says that it is necessary to stimulate the diversification of the farmers.

- United States Bureau of agricultural economics.

 Commercial fertilizer used on cotton--1936 and
 1937. 2pp., tables, mimeogr. Washington, 1937.
- Use air in plowing cotton. Textile Bull, 52(26): 18-19, Aug. 26,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

"Gangling plants are rooted in jars filled with chemical solutions for controlled tests of fertilizers at the Georgia Experiment Station."

La venta de semilla de algodón importada de las variedades Delta y Pine Land. Los colonos o interesados pueden solicitar compras de esa semilla para mejorar sus cultivos. Gaceta Algodonera 13(161): 30-31. June 30,1937. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina) 72.9 Gli

The sale of imported cottonseed of the Delta and Pine Land varieties. The planters or interested persons can urge the purchase of these seed for the major part of the crop.

Diseases

Krug, H.P. Fusarium como causador da murcha do algodoeiro no Brasil. Rodriguesia 2, numero especial, pp.319-321. 1936. (Published by Directoria de Estatistica da Producçao, Rio de Janeiro, Brazil) 442.8 R61

Fusarium as the cause of cotton wilt in Brazil.

Moore, Elizabeth Jane. Carbon and oxygen requirements of the cotton root-rot organism, Phymatotrichum omnivorum, in culture. Phytopath. 27(9): 918-930, tables. September 1937. (Published at Cor. Lime and Green Sts., Lancaster, Pa.) 464.8 P56

Literature cited, p.930.

Insects

Box, Harold E. Observations on wild cotton in birds' nests in Antigua. Trop. Agr. [Trinidad] 14(9):254-255, illus. September 1937. (Published by the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, B.W.I.) 26 T754

The author states that the notes are submitted "in the belief that they may be of interest and

even importance to the general ecology of West Indian cotton pests and also as they may throw some light on the question of the survival of certain insects, e.g. the Pink bollworm (Pectinophora gossypiella Saunders) during the Close season in Antigua, and possibly elsewhere."

- Cotton and its bold bad bandit. Natl. Nature News 1(18):3,7, illus. July 26,1937. (Published at 3107 Wisconsin Ave., Washington, D.C.) 409.6 N216 Contains picture of statue to the cotton boll weevil at Enterprise, Coffee County, Ala., December 11,1919.
- Cotton leaf worm is appearing late this year. One of easiest insects to kill. Mid-So. Cotton News 15(2):8. August 1937. (Published at 822 Falls Bldg., Memphis, Tenn.) 72.8 C8295
- Culture methods for invertebrate animals; a compendium prepared cooperatively by American zoologists under the direction of a committee from Section F of the American association for the advancement of science. 590pp., illus., tables. Ithaca, Comstock Publishing Co., Inc., 1937. 411 C89

 Boll weevil culture, by F.A. Fenton, p.481.
- Kosobutskii, M. Test of the diluted sulphur preparations of the "ultra-sulphur" type for the control of the red spider (Epitetranychus althaeae). Plant Protection no.9, pp.5-22, tables. 1936. (Published by the Lenin Academy of Agricultural Sciences, Leningrad, U.S.S.R.) 421 P942

 In Russian. Summary in English, pp.21-22.

Farm Engineering

Smith, H.P., Killough, D.T., Jones, D.L., and Byrom, M.H. Progress in the study of mechanical harvesting of cotton. Tex. Agr. Expt. Sta. Bull. 511, 35pp., illus., tables. College Station. 1935 100 T31B

"The results obtained in the study of mechanical harvesting of cotton are reported and a description is given of the improvements made during the 1932-1934 period."-Bibliog. Trop. Agr., 1936, p.210. 1937.

Farm Management

Butler, Eugene. What's new in agriculture? Prog. Farmer (Tex. ed.) 52(10):12,61. October 1937. (Published at 1104 Insurance Bldg., Dallas. Tex.) 6 T311

The increase in yield per acre for 1937 and the adjustment of production cost estimates in future farm programs are discussed.

Farm Social Problems

Altgelt, George A. "Negro plantation farming on the Brazos." Tex. Co-op. News 17(9):4, illus. Sept.15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

Customs on cotton plantations are described.

Currie, J.H. Labor camps in the San Joaquin.
Pacific Rural Press 133(25):824, illus. June 19,
1937. (Published at 560 Howard St., San Francisco, Calif.) 6 Pll2

Accommodations for cotton pickers are described.

- Dickins, Dorothy. Occupations of sons and daughters of Mississippi cotton farmers. Miss. Agr. Expt. Sta. Bull. no.318, 132pp., tables, chart. State College. 1937. 100 M69(B)
- Eddy, Sherwood. A door of opportunity or an American adventure in cooperation with sharecroppers. 62pp., illus. New York, Association Press, cl9371 282 Ed22

The history of the first year of the "Delta Cooperative Farm" is given.

Cooperation in Production

Low quality cotton costs growers many millions.

One-variety improvement campaign to be conducted August 23 to September 4. Mid-So. Cotton News 15(2):2. August 1937. (Published at 822 Falls Bldg., Memphis, Tenn.) 72.8 C8295

The campaign is to be conducted by the Tennessee Agricultural Extension Service.

- Luck, J.K. Rewards in cooperation. Ext. Serv.
 Rev. 8(4):59. April 1937. (Published by the
 Extension Service, United States Department of
 Agriculture, Washington, D.C.) 1 Ex892Ex
 Brief history of the Sunter County (Ga.) Cotton Improvement Association.
- Swint, A.G. One-variety cotton. Mfrs. Rec. 106 (9):36,68, illus. September 1937. (Published at Commerce and Water Sts., Baltimore, Md.) 297.8 M31

Experiments with one-variety cotton in Spalding County, Georgia, is described.

PREPARATION

Ginning

- Bennett, Chas. A. Potential mechanical improvements involved in modernizing cotton gins. Cotton and Cotton Oil Press 38(36):3-4. Sept.4,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 0822
 - "Address delivered at Alabama Cotton Ginners' Convention, Montgomery, Ala."
- Cotton ginning. Co-op Cotton Weekly News 4(9):1.
 Sept.7,1937. (Published at Bakersfield, Calif.)
 Reasons for ginning cotton at gins owned or recommended by the cooperative association are given.
- Cotton harvesting and ginning suggestions. Prog. Farmer (Tex. ed.) 52(10):31. October 1937. (Published at 1104 Insurance Bldg., Dallas, Texas) 6 T311
- Ginning rates unchanged for 1937-38. Employer 21(3):44. August 1937. (Published by the Employer Publishing Co., 711-712 Tradesmens National Bank Bldg., Oklahoma City, Okla.)

 Rates for 1937-38 fixed by the Oklahoma Cor-

Rates for 1937-38 fixed by the Oklahoma Corporation Commission are given.

Sections of Tri-States place embargo on cotton and cottonseed. Cotton and Cotton Oil Press 38(38): 5,8. Sept.18,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C322

Ginners and oil millers have closed their plants temporarily because rains caused too much moisture in cotton and cottonseed.

- Stanford, J.E. Proper ginning and storage of cotton. South Agric. 67(9):18, illus. September 1937. (Published at 1523 Broadway, Nashville, Tenn.) 6 So83
- Texas cotton ginners' association: District meetings concluded. Cotton Ginners' Jour. 8(12):5-6, 21-23. September 1937. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

 Brief reports of ginners' district meetings are given.
- Tutt, Ernest L. Social security and the ginning industry. Cotton Ginners' Jour. 8(12):7,18.

 September 1957. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Pallas, Tex.) 304.8 C824
- Weaver, Otis T. Revolving-fund financing for co-op gins. News for Farmer Cooperatives 4(6):13-16, illus. September 1937. (Published by Farm Credit Administration, Washington, D.C.)

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- Wet cotton embargo enforced. Cotton Digest 9(50):7.
 Sept.18,1937. (Published at 710 Cotton Exchange
 Blde., Houston, Tex.) 286.82 C822
 "Cotton gins in Mississippi and Arkansas
 cooperated in a movement to close until weather
 conditions were such as to preclude the possibility of wet cotton coming to the gins."
- White, Dabney. It pays to do business right. Cotton Ginners' Jour. 8(12):17,20. September 1937. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

The author urges ginners to avoid cutting rates.

Wolf, George. Keys to good ginning. Amer. Cotton Grower 3(4):8-9, illus. September 1937. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Baling

Cotton or jute bagging for American cotton. Textile Bull. 53(1):5-7, illus. Sept. 2,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

Faust, Sam. From the hired hand to his boss. Cotton and Cotton Oil Press 38(37):13. Sept.11,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Letter recommending the use of a permanent bale marker.

- Carolina ginners association Thursday July 29, 1937. S.C. Market Bull. 18(157):1. Aug.5,1937. (Published by the Department of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

 The address concerns the advantage of drawing cotton samples at the gin, and the better marking of the bale.
- Lichte, F.E.: New type bale tag provides permanent record for cotton. Tex. Co-cp. News 17(9):8. Sept. 15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F
- Ousley, Clarence. Scandalous cotton bales. Cotton and Cotton Oil Press 38(36):12. Sept.4,1937. (Fublished at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

 Editorial on false-packed bales.
- Taylor, Fred. Complaints against American cotton abroad. Cotton and Cotton Oil Press 38(36):16-17. Sept.4,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

 The author discusses false packed cotton bales.
- Texas must grow better cotton. Farm and Ranch 56(17):3. Sept.1,1937. (Published at 3306 Main St., Dallas, Tex.) 6 T31
 Editorial on false packed bales.

MARKETING

General

Baumwollbaise. Wirkung der ostasiatischen kriegswirren und der stark steigenden baumwollerzeugung.--Rekordwelternte in sicht.--Baumwollpreis nähert sich dem krisentiefpunkt.--Vergebliche amerikanische marktstätzungen. Spinner
und Weber 55(36):11-12. Sept.3,1937. (Published
at Pössneck, Germany) 304.8 Sp41

Decline in cotton. Effect of the East Asian war trouble and the greatly increased cotton

- production. -- Record world harvest in sight. -- Cotton price approaching the low point of the crisis. -- Useless American market support.
- A comercialização do algodão. O Campo 8(89):60-61, chart. May 1937. (Published at Rua S. José, 52-1° andar, Rio de Janeiro, Brasil) 9.2 C15

 Marketing of cotton.
- Cotton. Mill activity in China sharply curtailed. Foreign Crops and Markets 35(13):206-207, table. Sept.25,1937. (Published by Bureau of Agricultural Economics, United States Department of Agriculture, Washington, D.C.) 1.9 St2F

 The current crop and market situation in China is described briefly.
- United States Department of agriculture. Agricultural statistics, 1937. 486pp., tables. Washington, Govt. printing off., 1937. 1 Ag84Y

 Statistics of cotton, sugar and tobacco, pp.88-131.
- World growing more cotton. Consumption, reserves, price prospects. Manchester Guardian Com. 35(895):128. Aug.13,1937. (Published at Guardian Bldg., 3 Cross St., Manchester, 2, England) 286.8 M315
 Outlook for 1937/38.

Demand and Competition

- Can cotton entirely replace wood pulp in the viscose rayon industry? Rayon Textile Monthly 18(9): 593-594, illus. September 1937. (Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

 The author explains in technical language why cotton can not entirely replace wood as a source of cellulose.
- Chalmers, W. Ellison. Results of International labor conference, June 1937. Monthly Labor Rev. 45(2): 344-355, table. August 1937. (Published by United States Department of Labor, Bureau of Labor Statistics, Washington, D.C.) 158.6 B87M

 "Adoption of textile 40-hour week convention,"-

Chalmers, W. Ellison. Statistical discussion and recommendations of the World Textile Conference.

Amer. Statis. Assoc., Jour. 32(198):371-373. June 1937. (Published by the Association, Frederick F. Stephan, Secretary, 722 Woodward Pldg., Washington, D.C.) 251 Am3

Recommendations of the Statistical Committee to the World Textile Conference, April, 1937, are given.

Cisalfa, a new fibre. Amer. Wool & Cotton Reptr. 51(34):31-32. Aug. 26,1937. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

The fiber is "composed of 30 per cent animal fibre and 70 per cent vegetable fibre."

El contrato con la industria de hilados finos de algodón. Ecuador, Ministerio de Previsión Social, Trabajo, Agricultura e Industrias, Boletin 1(5): 20-21. June 1937. (Published at Quito, Ecuador) 281.8 Ec9

The agreement with the fine cotton spinning industry.

Cotton and rayon trade in the Egyptian market. Growth of local industries. Manchester Guardian Com. 35(898):196. Sept.3,1937. (Published at Guardian Bldg., 3 Cross St., Manchester, 2, England) 286.8 M315

Extracts from a report of the British Department of Overseas Trade.

- Cotton fabric probabilities. Amer. Wool & Cotton Reptr. 51(34):1,37, table. Aug.26,1937. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88 Editorial commenting on the consumption of raw cotton this past year.
- The cotton trade revival. Statist 130(3100):118119, table. July 24,1937. (Published at 51
 Cannon St., London, E.C.4, England) 286.8 St2
 The situation in the Lancashire cotton textile industry at the present time is described.
- Douty, H.M. Wage and hour legislation for the South. 26pp. Chapel Hill, The University of

North Carolina press, 1937. ([Southern policy committee; Southern policy papers no.9) 280.9 \$086

Bibliography, p.26.

Includes comment on wages and hours in the cotton textile industry.

Ellinger, Barnard. Relative importance of the textile trades. Times [London] Trade and Engin. 41(879):11. May 1937. (Published by the Times Publishing Co., London, E.C.4, England) 286.8 T482

"The 1935 'Census of Production' tof Great Britain; and other figures are analysed to demonstrate the national importance of the textile industries. The manufacture of textiles and clothing employs about 1,677,000 persons, second only to 'distribution' with 2,007,000 persons. Cotton engages nearly 33 per cent., wool nearly 25 per cent., hosiery 10 per cent., silk and rayon 8 per cent., and linen and hemp 7 per cent. of the 1,050,000 persons employed in textile manufacturing. The value of the 'work done' in 1935 was 1443,656,000 of which H117,000,000 represents exported goods. The cost of imported raw materials was £85,000,000. It would appear that capital and labour in the textile industries are not receiving sufficient return for services, especially in comparison with other industries. "-Textile Inst. Jour. 28(8): A475. August 1937.

Everett, Charles K. Cotton consumption in the United States. Amer. Acad. Polit. and Social Sci. Ann. 193:34-48. September 1937. (Published at 3457 Walnut St., Philadelphia, Pa.) 280.9 Am34 Discusses the economic importance of cotton, Japanese competition, industrial use of cotton, cleanliness as a factor in consumption, acceptance of apparel cottons, improvements in cotton textiles, color styling, promotional program and activities, cotton for road and dwelling construction, national cotton week, competition from paper, rayon and jute, tariff protection or government subsidy, contraction of foreign markets, and possibilities in the domestic market.

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- Japan loosens ban on import of raw cotton. Pressed by manufacturers, ministry okehs 300,000-bale buy through Nov. Cotton Trade Jour. 17(39):1. Sept. 25,1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
- Japan to use more cotton from abroad. Textile Bull. 52(25):10,27. Aug.19,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82.

 The probable demand for American and Indian

The probable demand for American and Indian cotton is discussed.

- Jute for roads? Textile Mercury and Argus 97(2526): 175. Aug. 20,1937. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318
- King cotton's 150-year supremacy in world markets lost in 5 years. U.S. News 5(36):1. Sept.6, 1937. (Published at 2201 M St., N.W., Washington, D.C.) 280.8 Un33a

 Consumption of American and of foreign-grown

Consumption of American and of foreign-grown cotton in foreign markets is compared.

- Mody, Sir H.P. No 40-hour week for the Indian textile industry. Indian Textile Jour. 47(562): 356. July 15,1937. (Published at Military Square, Fort, Bombay, India.) 304.8 In2

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- Murchison, Claudius T. The cotton textile industry, its present state and its outlook to the future. South. Banker 69(2):13-14, tables. August 1937. (Published at 1204 Atlanta National Bldg., Atlanta, Ga.) 284.8 So8
- The 1936-7 cotton season. Record imports of East Indian growths. Manchester Chamber of Com. Monthly Rec. 48(8):346. Aug. 31,1937. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31

The season in the United Kingdom is reviewed briefly.

Russian cotton. Fibre and Fabric 90(2745):13. Sept. 11,1937. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.) 304.8 F44

Report of a sale of 6,000 bales of Russian cotton in New York.

Scott, Walter M. Chemistry aids cottons. Indus. and Engin. Chem. 15(13):297. July 10,1937. (Published by American Chemical Society, Mills Bldg., Washington, D.C.) 381 J825

"Valuable new properties imparted to cotton goods by chemical treatment open new profit possibilities to New England textile mills. That textile manufacturers think of cotton as a finished product of Nature's handiwork which cannot be improved has allowed rayon fabrics to monopolize markets rightly belonging to cotton goods."

Troubles beset "King cotton." Nebr. Farmer 79(19): 7,21. Sept.25,1937. (Published at 1400 P St., Lincoln, Nebraska) 6 N27

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Utley, Freda. Japan's feet of clay. 393pp., tables. New York, (W.W. Norton & Co., Inc.) 1937. 280.183 Ut4 Ed.2

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- Watzl, José. O problema da exploração das plantas texteis nacionaes. Brazil, Ministerio da Agricultura, Boletim 25(4-6):23-35, illus. April-June 1936. (Published at Rio de Janeiro, Brazil) 9.2 Ag83

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- Woolf, Douglas G. 300 million mark will be passed by rayon this year--But the real drama lurks elsewhere. Textile World (13th annual rayon year book no.) 87(10):1977-1978, chart. September 1937. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315

 The increase in rayon production from 1920 to 1937 is noted.

Supply and Movement

Argentine cotton. Rapid growth of the cultivated area. Official direction. Work of the National cotton board ("Junta Nacional de algodón"). Rev. River Plate 83(2378):22-23. July 9,1937. (Published in Buenos Aires, Argentina. Agent in New York: S.S. Koppe & Co., 630 Fifth Ave., New York, N.Y.) 286.8 R32

This is a translation of the preface to the report of the National Cotton Board for 1936. It

shows increased area and production of cotton and increased exports of fiber in 1936. "At the present time the value of the Argentine cotton production is 70 million pesos, being greatly superior to that of sugar, of grapes, of yerba mate and of peanuts."

- Babson deplores cotton control. Textile Bull. 53 (1):8. Sept.2,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82
- Belgian Congo. The development of cotton growing.
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- Bemis, M.E. Large increase in Arizona cotton acreage. Calif. Cultivator 84(18):595,603. Aug. 28,1937. (Published at Publishers Trade Bldg., 317 Central Ave., Los Angeles, Calif.) 6 C12
- California quota. Co-op Cotton Weekly News 4(10):1.
 Sept.14,1937. (Published at Bakersfield, Calif.)
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- Caterson, Herbert. World trend held too strong for U.S. cotton loan plan. Prospective 22,118,000-bale American supply contrasted with 26,221,000,000 bales estimated as foreign contribution. Daily News Rec. no.209, pp.1,13. Sept.7,1937. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
- Classificação de algodão do estado de São Paulo. (Safra de 1936/37). Ouro Branco 3(3):39, tables. July 1937. (Published at R. Quintino Bocayuva, 54, São Paulo, Brazil)

Classification of cotton in the state of Sao Paulo. (Crop of 1936/37).

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Cooper, Maurice R. Why the United States imports cotton. Agr. Situation 21(9):10-12. Sept.1,1937. (Published by the Bureau of Agricultural Economics, Department of Agriculture, Washington, D.C.) 1 Ec7Ag

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 "A review of the crops under the control of the British Cotton Growing Association, followed by references to the campaign to encourage the utilisation of India cotton in Lancashire."-Textile Inst. Jour. 28(8):A417. August 1937.
- A critical study of the Sino-Japanese situation. Internatl. Statis. Bur. Foreign Letter Aug.7,1937, supplement, 2pp. (Published by International Statistical Bureau, Inc., 70-5th Ave., New York, N.Y.)

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- Drive for more domestic, less foreign acreage gains headway. Cotton Trade Jour. 17(37):1,2. Sept. 11,1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 - Feuilletau De Bruyn, W.K.H. Katoen in Nederlandsch-Indie. Algemeen Landbouw Weekblad 22(7):106-110, table. Aug.14,1937. (Published at Residentsweg 35 Tel. 1995, Bandoeng, Netherland Indies) 22.5 Al3

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"Among the allegations to which the Indian committee takes exception are that the cotton is of mixed staple and variety and not clean, the shipments not even running, and that there is false packing."

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kets.; Tex. Weekly 13(37):1-3. Sept.11,1937. (Published at Dallas Athletic Club Bldg., Dallas, Tex.) 280.8 T31

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- CPearse, Norman S.) O algodae em face das exigencias dos mercados consumidores. Revista de Agricultura (Piracicaba) 11(7-8):305-311, table. July-August 1936. (Published at Caixa Postal 60, Piracicaba, Estado de Sao Paulo, Brazil) 9.2 R324 Cotton as it is needed by the consuming markets. "Some consideration on cotton requirements for export."-Bibliog. Trop. Agr., 1936, p.206. 1937.
- Pearse, N.S. Cotton progress in Brazil. 183pp., illus., tables, charts. Manchester, England, International federation of master cotton spinners' and manufacturers' associations, [1937] 281.372 P310

Contents: General survey, pp.1-5; History of cotton cultivation in Brazil, pp.6-9; Climate, pp.10-18; Varieties of cotton grown, pp.19-22; Brazilian ginning laws, pp.23-28; Cotton presses, pp.29-32; Classification service, pp.33-36; Cost of cotton production, pp.37-40; Cotton pests, pp.41-46; [Situation in each State] pp.47-176.

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Oklahoma City, Okla.) 6 0k45

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- Stackhouse, Wade. Government control of cotton production. Cotton and Cotton Oil Press 38(39): 8-9. Sept.25,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

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- Texas cotton yields and acreage. Prog. Farmer (Tex. ed.) 52(10):60, tables, chart. October 1937. (Published at 1104 Insurance Bldg., Dallas, Tex.) 6 T311

 Tables show acreage and production by districts.
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 Over 5,000 farmers attend 41 meetings on subject.

 Cotton co-operatives recognize premiums. Tex.

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- Torn, E.R. Twelve-point program speeds up. Regional chamber will stress cotton improvement and rural relations in major fall projects. East Texas 11(12):5,22. September 1937. (Published by the East Texas Chamber of Commerce, Adolphus Hotel Bldg., Dallas, Tex.) 6 Ea73

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- Urakawa, M. An outlook of cotton crop cultivation and transaction in Korea. Formosan Agr. Rev. no.351, pp.111-128, tables. February 1936. (Published by Taiwan Noyukwai Taihoku, Formosa, Nippon) J 22.5 F76
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 Ways to improve cotton in West Texas and Oklahoma are described.
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 Editorial on the effect of the present large
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- Effect of low cotton prices on staple fiber is studied. Daily News Rec. no.206, p.8. Sept.2, 1937. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
- CHarris, Beverly D.; Banker urges cotton bounty.
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 Digest 9(51):5. Sept.25,1937. (Published at 710
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"This report is confined to monthly averages for prices and margins for the 17 constructions of cloth by months from 1925-26 to 1936-37. Tables showing prices and margins by months for each individual construction are included as well as averages for all constructions and for certain groups of constructions...Raw-cotton costs and cloth prices and margins fluctuate considerably from time to time. But, on the average, raw-cotton costs constitute a little over one-half and mill margins a little less than one-half of the wholesale price of unfinished cotton cloth, for the 17 constructions used in this study."

Marketing and Handling Methods and Practices

Elimination of Goghari from the Surat Tract, Bombay.
Elimination of Goghari from the Surat Tract will
reestablish the reputation of Navsari cotton.
Agr. and Live-stock in India 6(part 3):321-330,
illus., chart. Nay 1936. (Published by Manager
of Publications, Civil Lines, Delhi, India)
22 Ag83A

"An article on the practice of mixing Goghari cotton with good variety cotton which caused a marked decline in export and the legal measures taken to prohibit the cultivation of Goghari cotton."-Bibliog. Trop. Agr., 1936, p.213. 1937.

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Services and Facilities

- Accord \$500,000 boost in warehouse rates on government loan cotton. National cotton compress and cotton warehouse association negotiator. Cotton Trade Jour. 17(38):1,2. Sept.18,1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 - Alabama farmers protest cotton loan methods. Textile Bull. 53(2):25. Sept.9,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

 Resolutions adopted at a meeting in Eufaula, Ala., September 4,1937.
 - Cotton loan just one more chapter. Textile World 87(10):2003. September 1937. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315

 Editorial commenting on the government's loan, subsidy and crop control plans.
 - Cotton loan not popular. Cotton Trade Jour. 17(39):2. Sept.25,1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

 Editorial stating that "very little cotton, so far at any rate, is going into the Government's 9-cent loan."
 - The cotton loans. Textile Bull. 53(1):19. Sept.2, 1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82 Editorial stating that "if government cotton loans are desirable and were to be made, we feel that the plan, recently announced, was about as good as could have been developed."
 - Cotton loans and farm programs. Prog. Farmer (Tex. ed.) 52(10):5. October 1937. (Published at 1104 Insurance Bldg., Dallas, Tex.) 6 T311

 An editorial stating that cotton loans should be based on the market.
 - East African cotton. Indian Textile Jour. 47(562): 370. July 15,1937. (Published at Military Square, Fort, Bombay, India) 304.8 In2
 Staple standards are suggested for East African cotton imported by India.

- Emmert, A.B. Cotton losn and adjustment payment plan analyzed. Tex. Co-op. News 17(9):8. Sept. 15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F
- Fleming, Harold M. Calls crop control an expedient, "orphan of economic philosophy." Cotton Trade Jour. 17(37):3. Sept.11,1937. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

 The author discusses cotton prices and the government's loan policy.
- Garside, Alston H. Government loan and adjustment payment program. Textile Bull. 53(2):4-5. Sept. 9,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82 Extracts from report of the New York Cotton Exchange Service.
- tJones, J. Roy; Proper cotton classification is stressed by Jones. S.C. Market Bull. 18(156):1. July 29,1937. (Published by the Department of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

 Classification in accordance with government standards is recommended.
- Jones supports 16-cent cotton loan this year. S.C. Market Bull. 18(158):1. Aug.12,1937. (Published by the Department of Agriculture Commerce and Industries, Anderson, S.C.) 280.39 So8

 Recommendation of J. Roy Jones to be made at the meeting of Commissioners of Agriculture of the Southern States in Washington, August 16, 1937.
- Loan and adjustment plan announced. 9 cent loan with 3 cent adjustment. Tex. Co-op. News 17(9):1. Sept.15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

 The plan is explained.
- Loan red tape hit by J.E. McDonald. Cotton Digest 9(50):7. Sept.18,1937. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

- McGowan, P.H. Washington news. Cotton and Cotton Oil Press 38(37):3-4. Sept.11,1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822 Developments in the Governments' cotton loan program are commented upon.
- Memphis cotton exchange. Poard of directors. Sixty-third annual report...year ending November 30, 1936. 4pp. [Memphis, 1937] 287 M513A
- Mid-South cotton growers association. Cotton growers!
 Here's a new suspense loan pool you can use while
 you are waiting to obtain your government loan.
 Mid-So. Cotton News 15(3):1. September 1937.
 (Published at 822 Falls Bldg., Memphis, Tenn.)
 72.8 C8295

The association offers to lend 5 cents per pound. Rules for obtaining this loan are given.

- tMolyneaux, Peters tAcreage "control" has nearly
 ruined cotton.s Tex. Weekly 13(36):1-3. Sept.
 4,1937. (Published at Dallas Athletic Club
 Bldg., Dallas, Tex.) 280.8 T31
 Editorial on the 9-cent loan and the proposed
 government subsidy.
- Ousley Clarence. Cotton loans and limitations. Cotton and Cotton Oil Press 38(37):14. Sept.11, 1937. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

 Editorial on the Government's loan policy.
- Servico de classificação de algodão. Uma portaria da Secretaria de agricultura. Revista Algodoeira 3(21):18-19. June 1937. (Published at Recife, Brazil) 72.8 R32

 Cotton classing service. An order of the Secretary of Agriculture.
- State auditor aids in 12-cent cotton inquiry. Smith making bale-by-bale check and committee will report at completion. S.C. Market Bull. 18(155):1. July 22,1937. (Published by the Department of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

"An investigation into the alleged underclassing of the 12-cent loan cotton in South Carolina" has been begun by the "committee named at the last session of the general assembly."

Study of government cotton loan. Textile Bull. 52(25):18-19. Aug.19,1937. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

Editorial on the effect on prices of the 10-cent loan of 1935-36, and the probable effect of the proposed 9-cent loan.

Cunited States Interstate commerce commission.j Cotton loading. Traffic World 60(10):515. Sept.4,1937. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

"By special permission No.163248, carriers have been permitted by the Commission, on one day's notice, to withdraw tariffs dealing with charges for loading bales of cotton at points of origin and methods of collecting the charges when the bales are so handled as to make applicable the published carload rates from origins to final destinations."

Cooperation in Marketing

Andrews, Stanley. Georgia keeps the faith. Amer. Cotton Grower 3(4):10-11, illus. September 1937. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Brief description of the Georgia Cotton Producers! Association.

Dorn, E.L. Services and facilities of WTCGA protect producers. General manager Dorn announces operating plans, policies and pooling program for present season. Tex. Co-op. News 17(9):5, illus. Sept.15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

Plans of the West Texas Cotton Growers Association are described.

IJones, J. Roy. J Jones answers the comments of Dr. J.S. Hathcock, joint manager of the S.C. cotton cooperative association, and the American cotton cooperative assoc., New Orleans. S.C. Market Bull. 18(152):1,2. July 1,1937. (Published by the Department of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

Jones gratified that Congress will make probe.

Commissioner sees ultimate benefits to co-operative marketing in inquiry. S.C. Market Bull.

18(157):1. Aug. 5,1937. (Published by the Department of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

Comment on the investigation of cotton cooperatives just authorized by Congress.

- tMid-south cotton growers' association; New rules
 for this year. Mid-So. Cotton News 15(2):1.
 August 1937. (Published at 822 Falls Bldg.,
 Memphis, Tenn.) 72.8 C8295
- coklahoma cotton growers association; Improved program requires new marketing agreement. Okla. Cotton Grower 17(12):1. Aug.15,1937. (Published at 10 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4

The new marketing agreement is explained.

Peters, R.W. Grow cotton. Queensland Agr. Jour. 48(part 2):175-176. Aug.1,1937. (Published by the Department of Agriculture, Brisbane, Queensland, Australia) 23 933

"The cotton industry is established on a co-operative basis and is one of the few industries in which the product grown is handled by the growers' organization from the field to the manufacturer. This organization, the Queensland Cotton Board, takes control of the seed cotton when it leaves the farm, transports it to the nearest ginnery, gins the cotton, markets the lint, and manufactures by-products, all the resultant profits being returned to the grower."

- Quanah co-op gin set-up a model in plans, policies and results group effort. Tex. Co-op. News 17(9):3. Sept.15,1937. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

 The Farmers Co-operative Society of Quanah is described.
- (Sharp, J.S.) History, services and accomplishments of cotton cooperatives reviewed. Tex.
 Co-op. News 17(9):2. Sept.15,1937. (Published
 by Texas Co-operative Publishing Co., Inc., 601
 Taylor St., Fort Worth, Tex.) 72.9 T315F
 Address at third annual Texas Institute for
 Co-operatives, College Station, Texas.

UTILIZATION

Fiber, Yarn, and Fabric Quality

Ahmad, Fyyazuddin. Quality in the processing of cotton. Indian Textile Jour. 47(562):364-368. July 15,1937. (Published at Military Square, Fort, Bombay, India.) 304.8 In2

Results of studies in several laboratories of fiber quality in relation to spinning value are discussed.

Possuyt, V. Propriétés mécaniques des fibres cellulosiques naturelles et mercerisées. Société Chimique de France, Bulletin...Mémoires 3(11): 1975-1982, charts. November 1936. (Published at 28, Rue St.-Dominique, Paris (7) France) 383 P218

Mechanical properties of natural and mercerised cellulosic fibres.

"Extension curves and cycles of natural and mercerised ramie fibres in moist air, water, formamide, caustic soda, and lithium thiocyanate solutions have been prepared, as well as extension cycles of linen, hemp and cotton in moist air. The extension curve of natural ramie is particularly modified when combination has occurred between the cellulose and the medium in which it is examined. These modifications are even more marked for mercerised fibres, and appear in every diagram, irrespective of the medium. Adaptation of the extension cycle of a natural fibre increases with its initial crystalline orientation, and this mechanical test can be used to distinguish between ramie, hemp, linen and cotton fibres."-Soc. Dyers and Colourists 53(2):75. February 1937.

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- Dunkerley, Frank. Yarn strength of Egyptian mixings. Textile Inst. Jour. 28(8):T255-T262, tables, chart. August 1937. (Published at 16 St. Mary's Parsonage, Hanchester, 3, England) 73.9 T31

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"A well illustrated lecture, in which F. indicates that the threadlike cellulose mols. may be much longor than the crystallite in which they occur, and that hence cellulose crystallites do

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Position of the atoms in the new space model of cellulose.

"Another account (in French) is given of a new space model of cellulose, already noted from a German source. The present paper gives an extended account of the atomic spacings as determined from X-ray spectrograms."—Textile Inst. Jour. 28(7): A400. July 1937.

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"Recent work on the crystal structure of cellulose is reviewed and reasons are advanced for believing that the two chains occupying the unit cell are arranged in opposite directions instead of the same. For example, cellulose hydrate as represented by rayon has the same lattice as that represented by mercerised ramie. If rayon is regarded as the "statistical average" of chains pointing in both directions why suppose the chains in the natural fibre to be all arranged in one direction? A new space model of cellulose is given and discussed. It is compatible with X-ray data. The authors regard as a most important feature of X-ray analysis the proof that the chains are built up of cellulose units, but point out that it does not provide a means of exploring small deviations such as the supposed presence of carboxyl groups or the configuration of end groups. The new conception of chains pointing in opposite directions is reconcilable with the conception of closed ring systems. "-Textile Inst. Jour. 28(6): A345-A346. June 1937.

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Proposed cotton control is political chicanery. Cotton Digest 9(49):3-4. Sept.11,1937. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

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Partial contents: Resolucion por la cual se hace extensivo al algodon el beneficio de la prima de 25% ad-valorem (Resolution to extend to cotten the benefits of the premium of 25% advalorem), p.318; Resolucion por la cual el Banco de Venezuela ha convenido en pignorar el algodon (Resolution as to what the Bank of Venezuela has agreed to loan on cotton), p.319.

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 Market Bull. 18(154):1. July 15,1937. (Published by the Department of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8
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